

CRCPD/SCATR

June 30, 2013 Registration Deadline for Cost-Shared Collection and Disposal of Certain Sealed Sources

(June 1, 2013 – Final Notice)

The Source Collection and Threat Reduction Program (SCATR) administered by the Conference of Radiation Control Program Directors (CRCPD) is providing sealed source licensees in states which do not have access to an in-Compact low-level radioactive waste disposal facility an opportunity to dispose of certain unwanted radioactive sealed sources. CRCPD is offering generators who participate in this limited-time opportunity financial assistance equal to 50% of the cost of collection, processing, and disposal.

- Class A qualifying sources will be disposed at the EnergySolutions Clive, Utah facility under a special one year license variance.¹
- Class B and C qualifying sources located at facilities participating in the Class A collection may also be collected and disposed with financial assistance at the Waste Control Specialists (WCS) Compact Waste Facility (CWF) located in Andrews County, Texas.

Generators must register their sources with the Offsite Source Recovery Project (OSRP) (<http://osrp.lanl.gov/PickUpSources.aspx>) by June 30, 2013 to qualify for participation in this cost-shared disposal effort.

This opportunity is supported by the Department of Energy's Global Threat Reduction Initiative (GTRI), the State of Utah Division of Radiation Control, EnergySolutions, and WCS.

Process and Timeline

1. **Register.** Register your Class A, B, and C disused sources with the Off-Site Source Recovery Project (OSRP) at <http://osrp.lanl.gov/PickUpSources.aspx>. Sources must be registered with OSRP by June 30, 2013 to qualify for disposal under this initiative.²
2. **Update.** If your sources are already registered with OSRP, you may wish to update your registration. Each source must be uniquely identified by a serial number or other unique identifier. Please also ensure that the appropriate site point of contact information is current and accurate.

¹ **Only sources registered and collected through this CRCPD SCATR opportunity are eligible for disposal at Clive.** For further information on the one year EnergySolutions license variance for sealed source disposal at Clive, see <http://www.radiationcontrol.utah.gov/EnSolutions/docs/2012/Apr/Variance.PDF>.

² Registration of sources with OSRP does not constitute a commitment by the generator to participate in the initiative, but is necessary to be contacted with more information on the opportunity.

3. **Broker Engagement.** Following the June 30, 2013 registration deadline, a certified waste disposal broker under contract with CRCPD will contact registered generators to confirm participation. The broker will provide a cost estimate for collection, processing, and disposal, including the CRCPD cost-share, and arrange a date and time for collection.
4. **Collection.** Upon the broker's arrival for collection of the material, facilities should have ready any available documentation pertaining to the activity, isotope, and date of manufacture or original assay of all sources to be collected, and also ensure that Class B and C sources are separated from the Class A sources.

Eligible Sources

Class A – The collection for sealed source disposal at Clive will include a range of Class A sealed sources which meet the criteria specified below.

- Each source by itself must meet the definition of Class A waste as defined in 10 CFR 61.55.³ Commonly used radionuclides and their approximate Class A activity limits which could qualify for the collection include those identified in Table 1 below.

Table 1: Commonly Used Radionuclides and Class A Limits					
Isotope	Class A Limit	Isotope	Class A Limit	Isotope	Class A Limit
⁶⁰ Co	700 microCi/cm3	¹²⁵ I	700 microCi/cm3	¹⁹² Ir	700 microCi/cm3
¹³⁷ Cs	1 microCi/cm3	¹⁰⁹ Cd	700 microCi/cm3	⁶⁵ Zn	700 microCi/cm3
¹⁵³ Gd	700 microCi/cm3	¹³³ Ba	unlimited	²⁰⁴ Tl	700 microCi/cm3
⁵⁵ Fe	700 microCi/cm3	⁶⁸ Ge	700 microCi/cm3	²² Na	700 microCi/cm3
⁵⁷ Co	700 microCi/cm3	¹⁵² Eu	unlimited	⁵⁴ Mn	700 microCi/cm3
²¹⁰ Po	700 microCi/cm3	¹⁴⁷ Pm	700 microCi/cm3	¹⁹⁵ Au	700 microCi/cm3

Class B and C – Class B and C sources located at the same generator sites as those participating in the Class A initiative are also eligible for the 50% cost-shared disposal. Class B and C sources will be separately processed, packaged, and disposed at WCS in Andrews County.⁴

Further Information

If you have questions regarding this opportunity, please call or email Russ Meyer at CRCPD at 512-761-3822 or rmeyer@crcpd.org.

³ The quotient of the current activity of the radionuclide in the source divided by the volume of the source cannot exceed the Class A limit as specified in 10 CFR 61.55 tables. This includes any radionuclide not specifically listed in the 10 CFR 61.55 tables with a half-life < 5 years. Other restrictions may apply.

⁴ For waste classification purposes, the activity in a waste package may be averaged over the entire package in accordance with the Nuclear Regulatory Commission's 1995 "Final Branch Technical Position on Concentration Averaging and Encapsulation." Some radionuclides, such as C-14, may be subject to further limitations.